

Date Opened: 13 January 2011

Job #: 704
Project: Cargo Basket Auxiliary Latch Retro-fit
Type:

Approval: Various (Cargo Basket STCs)
Drawing List: DCL704

Fabrication and Assembly Drawing(s)	Description
70409	Auxiliary Latch Retro-Fit

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Jeff Chalk
Inspector Signature:

14 Jan 2011
Date:

Drawing: 70408 Revision 0
Assembly: 70408-01
Batch Quantity: 1 set

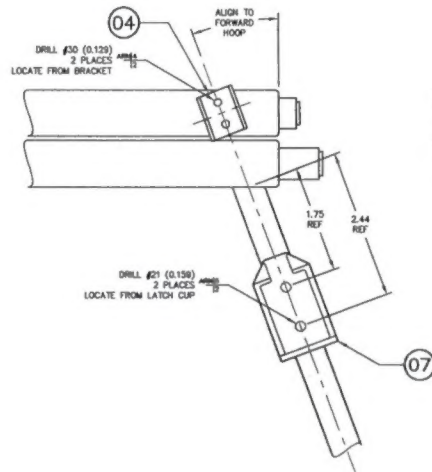
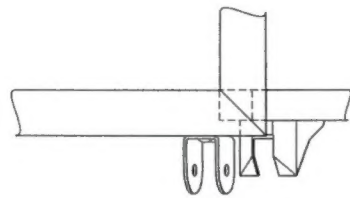
Qty	Part #	Description	Material	P.O./W.O.	Checked
1	70408-04	Bracket	321 Stainless Steel, 0.050" thick	10037	
1	60650-06	Bushing	Brass, 0.25 dia rod	7047	
1	0115-306	Latch Cord		8046	
1	0115-307	Latch Cup		8046	
1	AN3-7A	Bolt		8078	
1	AN960-10	Washer		10125	
1	MS21044N3	Nut		10125	
2	CR3523-4-02	CherryMax Rivet		10086	
2	CR3213-5-02	CherryMax Rivet		10086	

Processes	Per	Mat'ls Used	Initials
Final Inspection	70409		

Tag incomplete parts with Work Order # when stored between processes.

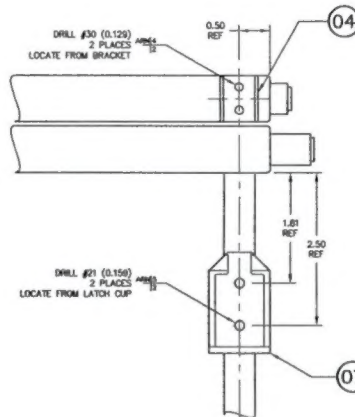
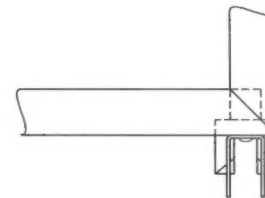
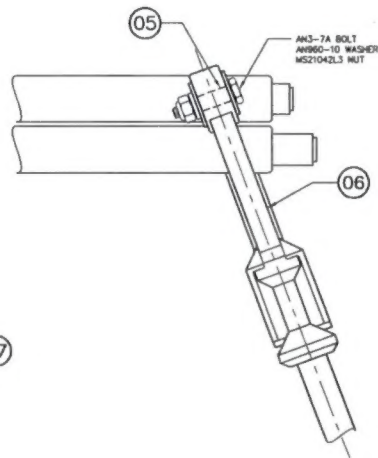
Tag complete parts / assemblies with Release Tag prior to storage.

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED OR IMPROVED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR INFORMATION, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR ABUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.		INITIALS	DATE
REV.	DESCRIPTION OF CHANGE		
0	CREATED FROM 70403, REVISION 3	BJC	SEPT 28/09



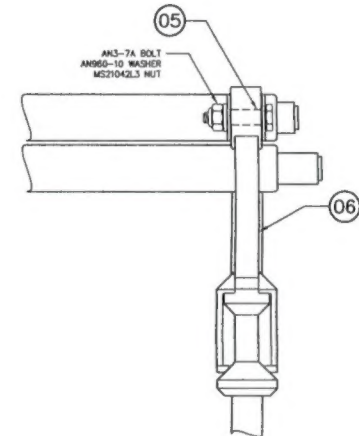
DETAIL A

BELL 206L/407 HIGH CARGO BASKET AUXILIARY LATCH INSTALLATION



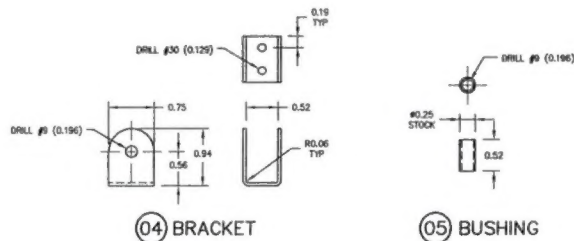
DETAIL B

CARGO BASKET AUXILIARY LATCH INSTALLATION



NOTES

- THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE AUXILIARY LATCH ONLY. THIS CONFIGURATION IS TO RETRO-FIT A BASKET THAT WAS NOT ORIGINALLY FABRICATED WITH AN AUXILIARY LATCH.
- REMOVE ALL BURRS AND BREAK SHARP EDGES.
- INSTALL ALL HARDWARE USING STANDARD SHOP PRACTICES AS OUTLINED IN AC43.13-1B, CHAPTER 7 "AIRCRAFT HARDWARE, CONTROL CABLES, AND TURNBUCKLES" OR STANDARD AIRCRAFT WORKERS MANUAL, SECTION 7 "SHOP PRACTICES".



2	CR3213-5-02	CHERRYMAX RIVET			
2	CR3213-4-02	CHERRYMAX RIVET			
1	MS21042L3	NUT			
1	AN960-10	WASHER			
1	AN3-7A	BOLT			
1	0115-307	07 LATCH CUP	ARCTIC CAT		
1	0115-306	06 LATCH CORD	ARCTIC CAT		
1	60650-08	05 BUSHING	BRASS	COMMERCIAL	0.25 OD ROD
1	70408-04	04 BRACKET	321 STAINLESS STEEL	AMS 5510	0.050 SHEET
1	SEE NOTE 1	03 BASKET LID ASSEMBLY			
1	SEE NOTE 1	02 BASKET BODY ASSEMBLY			
1	70408-01	01 AUXILIARY LATCH INSTALLATION			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
QTY					STOCK SIZE

LIST OF MATERIALS

BASIC CODE REF. NAS 523		DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE	DASH NO. FOR LENGTH	APPROVALS DRAWN: JEFF CLARKE CHECKED: E. BURGON	DATE 28 SEPT 2009
C-COUNTERSINK D=DIMPLE DIGIT=# OF SHEETS TO BE DIMPLED		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAB 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6B7 TEL: (403) 250-8807 FAX: (403) 250-8823 aerd@atnabplans.com	
BASIC CODES: BJ=MS20470AD BB=MS20426AD ARN=CR3213 ARM=CR3212		+ C INSTALL NEW RIVET + R REMOVE/REPLACE RIVET - E EXISTING RIVET		CARGO BASKET AUXILIARY LATCH MODIFICATION RETRO-FIT INSTALLATION	
SCALE 1:1		SHEET 1 OF 1		A1 70408 0	

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice 2011-03	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Aux. Latch Kit	70408-01	1	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 14 Jan 2011		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						